

PLANT BIOLOGY AT TOHOKU UNIVERSITY



TUESDAY, NOVEMBER 7, 2017

Lecture Room B, Graduate School of Life Sciences, Tohoku University

Organizers: Junko Kyojuka, Shinjiro Yamaguchi

PROGRAM

Chair: Shinjiro Yamaguchi

Special talk:

13:30 Yunde Zhao (UC San Diego)

Regulation of auxin biosynthesis and its application in crop improvement

Regular talks:

14:30 Masao Watanabe (Lab. Plant Reproductive Genetics)

Molecular mechanisms of self-incompatibility in *Brassica*

14:50 Junko Kyojuka (Lab. Plant Developmental Biology)

Pattern formation in leaf development of rice

15:10 Break

Chair: Satoshi Naramoto

15:30 Jun Hidema (Lab. Genomic Reproductive Biology)

Biological significance of CPD photolyase in plant grown under natural sunlight:
UVB sensitivity and subcellular localization of CPD photolyase

15:50 Takeshi Kuroha (Lab. Plant Cell Wall Biology)

Molecular mechanism and evolution for adaptation to periodic flooding in deepwater rice

16:10 Kiyoshi Mashiguchi (Lab. Bioactive Molecules)

Strigolactone transport in *Arabidopsis*

16:30 Hideyuki Takahashi (Lab. Space and Adaptation Biology)

Mechanistic aspect of hydrotropism and its comparison to that of gravitropism in seedling roots

16:50 Close

後援

新学術領域研究「植物多能性幹細胞」, 「植物新種誕生原理」, 「宇宙に生きる」

Designed by Urumi Masuko (Lab. Plant Reproductive Genetics)